

Converting Colors

XYZ(17.4443, 17.5646, 13.6395)

Have a look what the booklet for
XYZ(17.4443, 17.5646, 13.6395)
contains.

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Color

**XYZ(17.3765, 17.4801,
13.5245)**

Conversions

Conversions Part 1

Format	Color
Hex	837160
RGB	131, 113, 96
RGB Percent	51%, 44%, 38%
CMY	0.4863, 0.5568, 0.6235
CMYK	0.00, 0.14, 0.27, 0.49
HSL	29°, 15%, 45%
HSV	29°, 27%, 51%
XYZ	17.3765, 17.4801, 13.5245
YIQ	116.4440, 16.1850, -1.4710

Conversions

Conversions Part 2

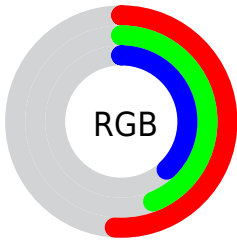
Format	Color
R_{YB}	131, 129, 96
Decimal	8614240
CIE _{Lab}	48.86, 4.21, 12.04
CIE _{LCh}	49, 12.753, 70.717
Yxy	17.4801, 0.3592, 0.3613
Android (android.graphics.Color)	4286804320 (0xFF837160)
YUV	116.4440, -10.0789, 12.7656
Hunter-Lab	41.8092, 1.0210, 10.0872

Details

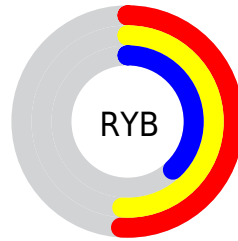
The XYZ color **17.3765, 17.4801, 13.5245** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.9377, 16.1596, 23.8045**, and the grayscale version is **16.7638, 17.6368, 19.2065**.

A 20% lighter version of the original color is **38.4888, 39.2072, 33.1429**, and **5.8594, 5.7602, 3.8206** is the 20% darker color. If you saturate the color by 10%, you get **16.0992, 15.8116, 10.3670**, and if you desaturate by 10%, it is **18.8110, 19.3020, 17.2307**.

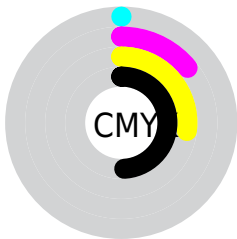
Distribution



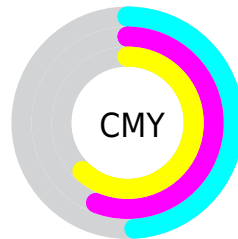
- Red (51%)
- Green (44%)
- Blue (38%)



- Red (51%)
- Yellow (51%)
- Blue (38%)



- Cyan (0%)
- Magenta (14%)
- Yellow (27%)
- Black (49%)



- Cyan (49%)
- Magenta (56%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3765, 17.4801, 13.5245 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 17.3765, 17.4801, 13.5245 by changing the saturation by 10% instead.

■ 17.3765, 17.4801,
13.5245

■ 17.3765, 17.4801,
13.5245

230.4470,
237.9241, 225.5769

■ 10.6003, 10.5774,
7.6557

■ 38.5105, 39.1494,
32.9478

■ 5.8640, 5.7834,
3.7909

■ 53.5989, 54.6848,
47.3394

■ 2.8024, 2.7138,
1.5113

■ 72.1887, 73.8665,
65.4091

■ 1.0502, 0.9842,
0.2263

■ 94.6454, 97.0790,
87.5753

■ 0.0000, 0.0000,
0.0000

121.3342,
124.7066, 114.2567

152.6205,

157.1337, 145.8717

188.8696,
194.7447, 182.8390

■ 17.3765, 17.4801,
13.5245

■ 17.3765, 17.4801,
13.5245

■ 16.0992, 15.8116,
10.3670

■ 18.8110, 19.3020,
17.2307

■ 14.9717, 14.2897,
7.7306

■ 20.4072, 21.2790,
21.5094

■ 13.9876, 12.9106,
5.5867

■ 22.1710, 23.4161,
26.3842

■ 13.1398, 11.6693,
3.9036

■ 24.1076, 25.7170,
31.8769

■ 12.4203, 10.5604,
2.6459

■ 26.2219, 28.1853,
38.0086

■ 11.8200, 9.5781,
1.7727

■ 28.5188, 30.8248,
44.7989

■ 11.3232, 8.7139,
1.2087

■ 31.0027, 33.6388,
52.2670

■ 11.1732, 8.4516,
1.0424

■ 33.6781, 36.6306,
60.4311

■ 36.5492, 39.8036,
69.3085

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



18.3978, 17.4801, 15.0934



17.3765, 17.4801, 13.5245



16.1951, 17.4801, 13.3250

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



17.3765, 17.4801, 13.5245



14.4790, 17.4801, 20.2696



18.1420, 17.4801, 24.4071

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



17.3765, 17.4801, 13.5245



14.9377, 16.1596, 23.8045

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



17.0407, 17.4801, 26.1744



17.3765, 17.4801, 13.5245



14.9499, 17.4801, 23.6043

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



17.3765, 17.4801, 13.5245



14.5593, 17.4801, 16.9625



15.8747, 17.4801, 25.8644



18.8541, 17.4801, 21.2652

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



17.3765, 17.4801, 13.5245



15.4798, 17.4801, 13.9658



15.8747, 17.4801, 25.8644



17.8030, 17.4801, 25.1975

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



17.3770, 17.4809, 13.5249



36.1069, 37.5689, 37.3283



16.5851, 14.4080, 17.8515



8.3143, 8.6335, 8.4416



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.3770, 17.4809, 13.5249



29.7078, 29.4725, 20.7003



19.5096, 21.7462, 14.2357



4.8454, 5.0344, 4.9457



11.0010, 8.3246, 1.0270



0.0454, 0.0433, 0.0060

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



14.9377, 16.1596, 23.8045



24.5798, 26.6943, 42.3102



13.1571, 12.5983, 23.2110



4.6177, 4.9111, 5.9053



6.0321, 5.6121, 21.9020



0.0282, 0.0341, 0.0783

Previews

White Background



This preview shows how the XYZ color 17.3765, 17.4801, 13.5245 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 17.3765, 17.4801, 13.5245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.3765, 17.4801, 13.5245

Background



This preview shows how black text looks on a background with the XYZ color 17.3765, 17.4801, 13.5245.



This preview shows how white text looks on a background with the XYZ color 17.3765, 17.4801,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

17.3765, 17.4801, 13.5245

Protanopia

16.5714, 17.5648, 13.8262

Deuteranopia

17.7370, 17.5012, 13.5096



Tritanopia

18.6775, 17.5282, 19.5384

Trichromacy



Original Color

17.3765, 17.4801, 13.5245

Protanomaly

16.8926, 17.5602, 13.8084

Deuteranomaly

17.5784, 17.4194, 13.5021

Tritanomaly

18.1718, 17.4812, 17.1683

Monochromacy



Original Color

17.3765, 17.4801, 13.5245

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.7762, 17.4305, 16.9482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3765, 17.4801, 13.5245 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(131, 113, 96)` looks like.

```
.text, #text, p{  
    color:rgb(131, 113, 96)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(131, 113, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 113, 96) }
```

Border

The CSS property to change the border of an element to XYZ 17.3765, 17.4801, 13.5245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(131, 113, 96) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(131, 113, 96) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(131, 113, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 113, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 113, 96);  
box-shadow:4px 4px 4px 4px rgb(131, 113,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3765, 17.4801, 13.5245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 113, 96) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(131,  
113, 96) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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